

What is claimed is:

1. An information attaching device for attaching information to an image containing a plurality of photographed objects, and acquiring information-attached image, comprising:

5 information attaching means for attaching different information to each of a plurality of regions in said image that respectively contain said plurality of photographed objects, and acquiring said information-attached image.

2. The information attaching device as set forth in
10 claim 1, wherein said information attaching means is means for acquiring said information-attached image by hiddenly embedding said information in said image.

3. An information detecting device comprising:

15 input means for receiving photographed-image data obtained by photographing an image reproducing medium, on which the information-attached image acquired by the information attaching device as set forth in claim 1 is reproduced, with image pick-up means; and

20 detection means for detecting said information from said photographed-image data for each of said plurality of photographed objects contained in said information-attached image.

25 4. The information detecting device as set forth in claim 3, further comprising distortion correction means for correcting geometrical distortion contained in said photographed-image data;

wherein said detection means is means for detecting said information from the photographed-image data corrected by said correction means.

5. The information detecting device as set forth in
5 claim 3, wherein said image pick-up means is a camera provided
in a portable terminal.

6. The information detecting device as set forth in
claim 3, wherein said information is location information
representing storage locations of audio data correlated with
10 said plurality of photographed objects, and which further
comprises audio data acquisition means for acquiring said audio
data, based on said location information.

7. An information attaching method of attaching
information to an image containing a plurality of photographed
15 objects, and acquiring information-attached image, comprising
the step of:

attaching different information to each of a plurality
of regions in said image that respectively contain said plurality
of photographed objects, and acquiring said
20 information-attached image.

8. An information detecting method comprising the
steps of:

receiving photographed-image data obtained by
photographing an image reproducing medium, on which the
25 information-attached image acquired by the method as set forth
in claim 7 is reproduced, with image pick-up means; and

detecting said information from said photographed-image data for each of said plurality of photographed objects contained in said information-attached image.

5 9. A program for causing a computer to execute an information attaching method of attaching information to an image containing a plurality of photographed objects, and acquiring information-attached image, said program comprising:

10 a procedure of attaching different information to each of a plurality of regions in said image that respectively contain said plurality of photographed objects, and acquiring said information-attached image.

15 10. A program for causing a computer to execute:
 a procedure of receiving photographed-image data obtained by photographing an image reproducing medium, on which the information-attached image acquired by the method as set forth in claim 7 is reproduced, with image pick-up means; and
 a procedure of detecting said information from said photographed-image data for each of said plurality of
20 photographed objects contained in said information-attached image.